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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/672,937	09/28/2000	Kevin A. Retlich	00AB188	7594

7590 10/08/2003

John J Horn
Allen-Bradley Company LLC
Patent Dept 704P Floor 8 T-29
1201 South Second Street
Milwaukee, WI 53204-2496

EXAMINER	
DESTA, ELIAS	

ART UNIT	PAPER NUMBER
2857	

DATE MAILED: 10/08/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/672,937	Applicant(s) RETLICH ET AL.	
	Examiner Elias Desta	Art Unit 2857	

-- Th MAILING DATE of this communication appears on the cover sheet with th correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *15 August 2003* .

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-33* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☒ Claim(s) *13-33* is/are allowed.

6)☒ Claim(s) *1,2,5,8,10 and 12* is/are rejected.

7)☒ Claim(s) *3,4,6,7,9 and 11* is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *28 September 2000* is/are: a)☐ accepted or b)☒ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11)☐ The proposed drawing correction filed on _____ is: a)☐ approved b)☐ disapproved by the Examiner.

If approved, corrected drawings are required in reply to this Office action.

12)☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____ .

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

14)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

a) ☐ The translation of the foreign language provisional application has been received.

15)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ .
4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: .

Detailed Action

Drawing

1. The drawing is objected to because of the following minor informalities:

- Figs. 2 and 3: member 80 points at two distinct structures where member 82 also refers to part of the same embodiment, preferably member 80 should refer to " sector" and member 82 to the " block" .
- Fig. 2: member 84 is similar in structure as member 86 in Fig. 3, whereas in Fig. 2, include an Input/Output port with the sensor configuration for better clarity.

Claim rejection – 35 U.S.C. 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) The invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. *Claims 1, 2, 5, 8, 10 and 12* are rejected under 35 U.S.C. 102(b) as anticipated by Helf, Jr. et al. (U.S. Patent 3,764,995).

In reference to claim 1: *Helf, Jr. et al.* (U.S. Patent 3,764,995) teaches a method for monitoring operational parameters of a system of electrical components (devices or units under test (UUT)) (see *Helf, Jr. et al.*, Fig. 2 and column 1, line 50 to column 2, line 21). The method includes:

- Storing in a memory circuit of each component identity data respective of an identity of the respective component in the system (see *Helf, Jr. et al.*, column 2, lines 28-35 and column 5, lines 4-27);
- Sensing operational parameters (stimuli) of each component and processing the sensed parameters in the respective component (see *Helf, Jr. et al.*, column 2, lines 53-66);
- Transmitting the sensed parameters and the identity data of the respective component (Unit Under Test) back to the monitoring station (computer) (see *Helf, Jr. et al.*, Fig. 2, Test data to computer station)
- Generating a user viewable monitoring display of the parameters by component based upon the sensed parameters and identity data (see *Helf, Jr. et al.*, column 4, lines 25-32).

With regard to claim 2, as noted above in claim 1, *Helf, Jr. et al.* further includes that the identity data represent the node address of the component

because in order for the computer to identify the port associated with the Unit Under Test, it has to have a node address (see *Helf, Jr. et al.*, Fig. 2, response and stimulus signals are addressable).

With regard to claim 5: as noted above in claim 1, Helf, Jr. et al. further teaches that the parameter is selected based on the identity data (see Helf, Jr. et al., column 2, lines 53-66).

With regard to claim 8, as noted above in claim 1, *Helf, Jr. et al.* further includes that a textual display of operating parameter of the component or Unit Under Test (see *Helf, Jr. et al.*, column 4, lines 25-32 and column 20, lines 16-19, teletypewriter is a text processing output).

With regard to claim 10: as noted above in claim 1, *Helf, Jr. et al.* further teaches that the monitoring station (Fig. 2, computer station) accesses a database for the system to obtain data descriptive of the components, and the monitoring display includes the description of the respective components (see *Helf, Jr. et al.*, column 3, lines 2-10).

With regard to claim 12: as noted above in claim 10, *Helf, Jr. et al.* further teaches that the description includes a textual description of the respective component (see *Helf, Jr. et al.*, column 4, lines 25-32 and column 20, lines 16-19, teletypewriter is a text processing output).

Allowable Subject Matter

4. *Claims 3, 4, 6, 7, 9 and 11* are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Allowance

5. *In reference to claim 13-33*: *Helf, Jr. et al.* (U.S. Patent 3,764,995) teaches a method for monitoring operational parameters of a system of electrical components (devices or units under test (UUT)) (see *Helf, Jr. et al.*, Fig. 2 and column 1, line 50 to column 2, line 21). The method includes:

- Storing in a memory circuit of each component identity data respective of an identity of the respective component in the system (see *Helf, Jr. et al.*, column 2, lines 28-35 and column 5, lines 4-27);
- Sensing operational parameters (stimuli) of each component and processing the sensed parameters in the respective component (see *Helf, Jr. et al.*, column 2, lines 53-66);
- Transmitting the sensed parameters and the identity data of the respective component (Unit Under Test) back to the monitoring

station (computer) (see *Helf, Jr. et al.*, Fig. 2, Test data to computer station)

- Generating a user viewable monitoring display of the parameters by component based upon the sensed parameters and identity data (see *Helf, Jr. et al.*, column 4, lines 25-32).

As for testing or monitoring the devices over the network, *Helf, Jr. et al.* further shows that the monitoring apparatus or computer is also networked to test or monitor the electronic component or device from a remote site (see *Helf, Jr. et al.*, column 2, lines 3-5 and column 7, lines 30-56).

However, *Helf, Jr. et al.* does not teach a viewable representation of the devices or physical layout data of individual components.

As noted above, the claimed invention provides a method for monitoring operational parameters of a system of electrical components. Further, the method includes generating a series of user viewable representation of operational parameter based on the physical layout of each component.

The remaining claims are dependent upon claims 13, 22 and 28 and contain further limitations.

The prior art made of record and not relied upon is considered pertinent to applicant disclosure.

- *Parulkar et al.* (IEEE Article, " An Architecture for Monitoring, Visualization and Control of Gigabit Networks") teaches a case study of NMVC system with advanced algorithmic human-in-the-loop capability.
- *Goncharenko et al.* (University of Tokyo, white paper) describes an information-centered approach to maintenance based on criteria for product life cycle optimization.
- *Dpaonthenet* (Editorial Extra from Dpaonthenet.net) describes an available technology that used by London Electric Services uses transparent ready system for managing substations from a remote location.
- *Burkhard* (U.S. Patent 6,574,652) teaches intrinsically safe communication and control system for use in hazardous locations including monitoring device with intrinsically safe fluorescent tube backlit.
- *Fredriksson* (U.S. Patent 6,000,825) teaches a method and arrangement for a module, which can be connected to a serial, and digital network system.

- *Davis et al.* (U.S. PAP 2001/0056483 A1) teaches the method and apparatus for monitoring a computer system with system management controller.
- *Eidson et al.* (U.S. Patent 5,586,305) teaches smart distributed measurement and control system with a flexible architecture.

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Elias Desta whose telephone number is (703)-305-3840. The examiner can normally be reached on M-F (8:00-4:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner' s supervisor, Marc S. Hoff can be reached on (703)-308-1677. The fax phone numbers for the organization where this application or proceeding is assigned are (703)-308-5841 for regular communications and (703)-308-5841 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)-308-1782.

Elias Desta
Examiner
Art Unit 2857

MARC S. HOFF
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800

Type	Hits	Search Text	DBs	Time Stamp
BRS	1052	(340/853.2 or 340/853.9 or 340/870.16 or 340/870.27).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	25	((340/853.2 or 340/853.9 or 340/870.16 or 340/870.27).ccls.) and (electrical adj components)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	9	(((340/853.2 or 340/853.9 or 340/870.16 or 340/870.27).ccls.) and (electrical adj components)) and memory	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	7	((((340/853.2 or 340/853.9 or 340/870.16 or 340/870.27).ccls.) and (electrical adj components)) and memory) and parameter$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	7	(((((340/853.2 or 340/853.9 or 340/870.16 or 340/870.27).ccls.) and (electrical adj components)) and memory) and parameter$1) and transmit$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	7	((((((340/853.2 or 340/853.9 or 340/870.16 or 340/870.27).ccls.) and (electrical adj components)) and memory) and parameter$1) and transmit$4) and sens$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	7	(((((((340/853.2 or 340/853.9 or 340/870.16 or 340/870.27).ccls.) and (electrical adj components)) and memory) and parameter$1) and transmit$4) and sens$3) and generat$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	1154	(345/619 or 345/632 or 345/633 or 345/667 or 345/672 or 345/740-741).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	6	((345/619 or 345/632 or 345/633 or 345/667 or 345/672 or 345/740-741).ccls.) and (electrical adj components)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	1	((345/619 or 345/632 or 345/633 or 345/667 or 345/672 or 345/740-741).ccls.) and (((electrical adj components)and memory) and sensing)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	1	(((((345/619 or 345/632 or 345/633 or 345/667 or 345/672 or 345/740-741).ccls.) and (electrical adj components)) and memory) and sensing) and transmitting	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	1	((((((345/619 or 345/632 or 345/633 or 345/667 or 345/672 or 345/740-741).ccls.) and (electrical adj components)) and memory) and sensing) and transmitting) and generating	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	1261	(345/619 or 345/632 or 345/633 or 345/667 or 345/672 or 345/740-741).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	9	((345/619 or 345/632 or 345/633 or 345/667 or 345/672 or 345/740-741).ccls.) and (electrical adj components)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	7	(((345/619 or 345/632 or 345/633 or 345/667 or 345/672 or 345/740-741).ccls.) and (electrical adj components)) and memory	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	2	((((345/619 or 345/632 or 345/633 or 345/667 or 345/672 or 345/740-741).ccls.) and (electrical adj components)) and memory) and sensing	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	2	(((((345/619 or 345/632 or 345/633 or 345/667 or 345/672 or 345/740-741).ccls.) and (electrical adj components)) and memory) and sensing) and transmitting	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	2	((((((345/619 or 345/632 or 345/633 or 345/667 or 345/672 or 345/740-741).ccls.) and (electrical adj components)) and memory) and sensing) and transmitting) and generating	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	1E+05	electrical with components	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	16638	(electrical with components) and (stor$3 same memory)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	2674	((electrical with components) and (stor$3 same memory)) and (sens$3 same parameter$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	551	(((electrical with components) and (stor$3 same memory)) and (sens$3 same parameter$1)) and (transmitting with data)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	274	((((electrical with components) and (stor$3 same memory)) and (sens$3 same parameter$1)) and (transmitting with data)) and (monitor$3 same display)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	216	(((((electrical with components) and (stor$3 same memory)) and (sens$3 same parameter$1)) and (transmitting with data)) and (monitor$3 same display)) and physical	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	0	((((((electrical with components) and (stor$3 same memory)) and (sens$3 same parameter$1)) and (transmitting with data)) and (monitor$3 same display)) and (physical adj layout)) and grphical	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	94184	electrical adj circuit	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	12477	(electrical adj circuit) and monitoring	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	2687	((electrical adj circuit) and monitoring) and storing	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	1563	(((electrical adj circuit) and monitoring) and storing) and sensing	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	658	((((electrical adj circuit) and monitoring) and storing) and sensing) and transmitting	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	485	(((((electrical adj circuit) and monitoring) and storing) and sensing) and transmitting) and generating	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	21	((((((electrical adj circuit) and monitoring) and storing) and sensing) and transmitting) and generating) and (physical adj layout)) and network	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	1472	(702/179 or 702/183 or 702/185 or 702/187 or 702/189).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	976	(702/73-74 or 702/80 or 702/119-124).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	1298	(702/57-59 or 702/66-71).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	1641	(702/for.103-for.104 or 702/for.110 or 702/for.134 or 702/for.139 or 702/for.170 or 702/for.171).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	4842	((702/179 or 702/183 or 702/185 or 702/187 or 702/189).ccls.) or ((702/73-74 or 702/80 or 702/119-124).ccls.) or ((702/57-59 or 702/66-71).ccls.) or ((702/for.103-for.104 or 702/for.110 or 702/for.134 or 702/for.139 or 702/for.170 or 702/for.171).ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	57	(((702/179 or 702/183 or 702/185 or 702/187 or 702/189).ccls.) or ((702/73-74 or 702/80 or 702/119-124).ccls.) or ((702/57-59 or 702/66-71).ccls.) or ((702/for.103-for.104 or 702/for.110 or 702/for.134 or 702/for.139 or 702/for.170 or 702/for.171).ccls.)) and (electric adj circuit)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	41	((((702/179 or 702/183 or 702/185 or 702/187 or 702/189).ccls.) or ((702/73-74 or 702/80 or 702/119-124).ccls.) or ((702/57-59 or 702/66-71).ccls.) or ((702/for.103-for.104 or 702/for.110 or 702/for.134 or 702/for.139 or 702/for.170 or 702/for.171).ccls.)) and (electric adj circuit)) and component	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	33	(((((702/179 or 702/183 or 702/185 or 702/187 or 702/189).ccls.) or ((702/73-74 or 702/80 or 702/119-124).ccls.) or ((702/57-59 or 702/66-71).ccls.) or ((702/for.103-for.104 or 702/for.110 or 702/for.134 or 702/for.139 or 702/for.170 or 702/for.171).ccls.)) and (electric adj circuit)) and component) and stor$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	26	((((((702/179 or 702/183 or 702/185 or 702/187 or 702/189).ccls.) or ((702/73-74 or 702/80 or 702/119-124).ccls.) or ((702/57-59 or 702/66-71).ccls.) or ((702/for.103-for.104 or 702/for.110 or 702/for.134 or 702/for.139 or 702/for.170 or 702/for.171).ccls.)) and (electric adj circuit)) and component) and stor$3) and sen$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	13	(((((((702/179 or 702/183 or 702/185 or 702/187 or 702/189).ccls.) or ((702/73-74 or 702/80 or 702/119-124).ccls.) or ((702/57-59 or 702/66-71).ccls.) or ((702/for.103-for.104 or 702/for.110 or 702/for.134 or 702/for.139 or 702/for.170 or 702/for.171).ccls.)) and (electric adj circuit)) and component) and stor$3) and sen$3) and transmit$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	12	((((((((702/179 or 702/183 or 702/185 or 702/187 or 702/189).ccls.) or ((702/73-74 or 702/80 or 702/119-124).ccls.) or ((702/57-59 or 702/66-71).ccls.) or ((702/for.103-for.104 or 702/for.110 or 702/for.134 or 702/for.139 or 702/for.170 or 702/for.171).ccls.)) and (electric adj circuit)) and component) and stor$3) and sen$3) and transmit$4) and generat$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	9	(((((((((702/179 or 702/183 or 702/185 or 702/187 or 702/189).ccls.) or ((702/73-74 or 702/80 or 702/119-124).ccls.) or ((702/57-59 or 702/66-71).ccls.) or ((702/for.103-for.104 or 702/for.110 or 702/for.134 or 702/for.139 or 702/for.170 or 702/for.171).ccls.)) and (electric adj circuit)) and component) and stor$3) and sen$3) and transmit$4) and generat$3) and parameter$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	7022	circuit adj monitoring	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	18	(circuit adj monitoring) and (operation adj parameters)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	14	((circuit adj monitoring) and (operation adj parameters)) and stor$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	11	(((circuit adj monitoring) and (operation adj parameters)) and stor$3) and sens$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03

Type	Hits	Search Text	DBs	Time Stamp
BRS	6	((((circuit adj monitoring) and (operation adj parameters)) and stor$3) and sens$3) and generating	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	11	((((circuit adj monitoring) and (operation adj parameters)) and stor$3) and sens$3) and generat$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
IS&R	1040	(702/188).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	7134	(700/9-17 or 700/28-31 or 700/108 or 700/245 or 700/254).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	263	((700/9-17 or 700/28-31 or 700/108 or 700/245 or 700/254).ccls.) and (electrical same components)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	184	(((700/9-17 or 700/28-31 or 700/108 or 700/245 or 700/254).ccls.) and (electrical same components)) and monitor$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	17	((((700/9-17 or 700/28-31 or 700/108 or 700/245 or 700/254).ccls.) and (electrical same components)) and monitor$3) and (identity same data)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	17	(((((700/9-17 or 700/28-31 or 700/108 or 700/245 or 700/254).ccls.) and (electrical same components)) and monitor$3) and (identity same data)) and memory	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
IS&R	2	("5586305").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	1	(("5586305").PN.) and memory	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	0	((("5586305").PN.) and memory) and transmitting	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	1	(((((((345/619 or 345/632 or 345/633 or 345/667 or 345/672 or 345/740-741).ccls.) and (electrical adj components)) and memory) and sensing) and transmitting) and generating) and monitoring	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	2	((((((electrical with components) and (stor$3 same memory)) and (sens$3 same parameter$1)) and (transmitting with data)) and (monitor$3 same display)) and (physical adj layout)) and graphical	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	7	(((((electrical with components) and (stor$3 same memory)) and (sens$3 same parameter$1)) and (transmitting with data)) and (monitor$3 same display)) and (physical adj layout)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	11	electrical adj components same remote with monitoring adj system	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	21	((((((electrical adj circuit) and monitoring) and storing) and sensing) and transmitting) and generating) and (physical adj layout)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	21	(((((((electrical adj circuit) and monitoring) and storing) and sensing) and transmitting) and generating) and (physical adj layout)) and network) and identity	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	5	((((circuit adj monitoring) and (operation adj parameters)) and stor$3) and sens$3) and generat$3) and transmit$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	11	electrical adj components same remote with monitoring adj system	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	3	((((((((((702/179 or 702/183 or 702/185 or 702/187 or 702/189).ccls.) or ((702/73-74 or 702/80 or 702/119-124).ccls.) or ((702/57-59 or 702/66-71).ccls.) or ((702/for.103-for.104 or 702/for.110 or 702/for.134 or 702/for.139 or 702/for.170 or 702/for.171).ccls.)) and (electric adj circuit)) and component) and stor$3) and sen$3) and transmit$4) and generat$3) and parameter$1) and identity	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	1	((((700/9-17 or 700/28-31 or 700/108 or 700/245 or 700/254).ccls.) and (electrical same components)) and monitor$3) and (identity adj data)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	15	((((((700/9-17 or 700/28-31 or 700/108 or 700/245 or 700/254).ccls.) and (electrical same components)) and monitor$3) and (identity same data)) and memory) and parameter	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	1	(("5586305").PN.) and memory	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03
BRS	1	((("5586305").PN.) and memory) and transmit	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	09/16/03